Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110890.D
Acq On : 20 Nov 2018 13:23
Operator : JU/SJ
Sample : J6010-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-RT3786

Manual Integrations APPROVED
Sohil
11/21/2018 3:17:48 PM

Quant Time: Nov 20 14:35:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	77879	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	322696	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147216	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	253313	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171910	20.00	ng	0.00
87) Perylene-d12	15.66	264	176059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	602888	125.74	ng	0.00
7) Phenol-d6	6.57	99	760192	123.99	ng	0.00
23) Nitrobenzene-d5	7.51	82	496918	88.68	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	165334	111.46	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	847336	82.20	ng	0.00
79) Terphenyl-d14	13.07	244	637953	69.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	40800	5.739	ng	# 70
50) Dimethylphthalate	9.69	163	64162	5.841	ng	# 97
75) Fluoranthene	12.70	202	46982	3.453	ng	96
78) Pyrene	12.94	202	47559	3.593	ng	96
81) Benzo(a)anthracene	14.13	228	25553	2.487	ng	95
83) Chrysene	14.16	228	25655	2.621	ng	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	17848	2.541	ng	98
88) Benzo(b)fluoranthene	15.21	252	39931m	3.791	ng	
90) Benzo(a)pyrene	15.60	252	27751	2.900	ng	# 91
92) Benzo(g,h,i)perylene	17.74	276	16344	2.034	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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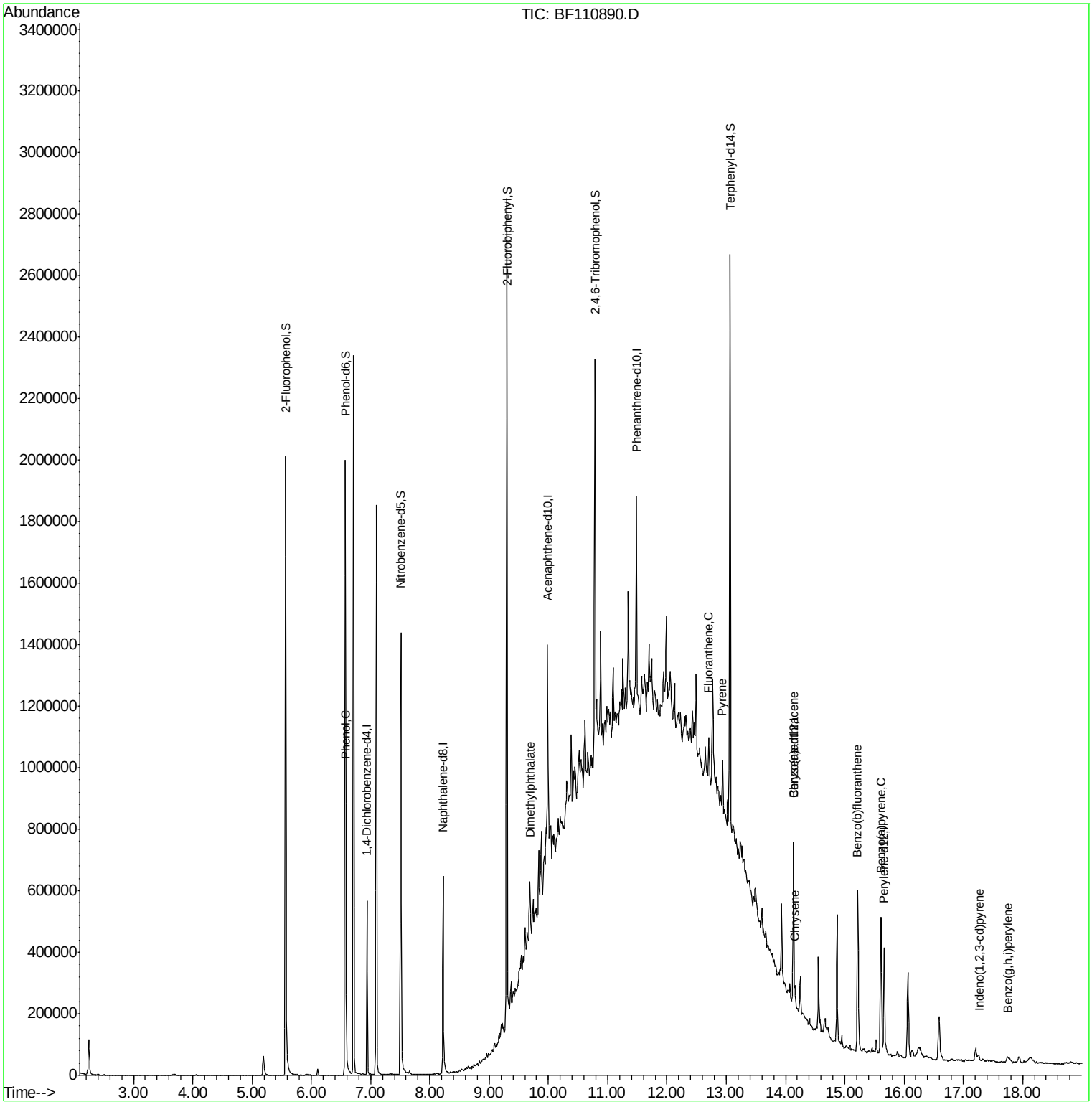
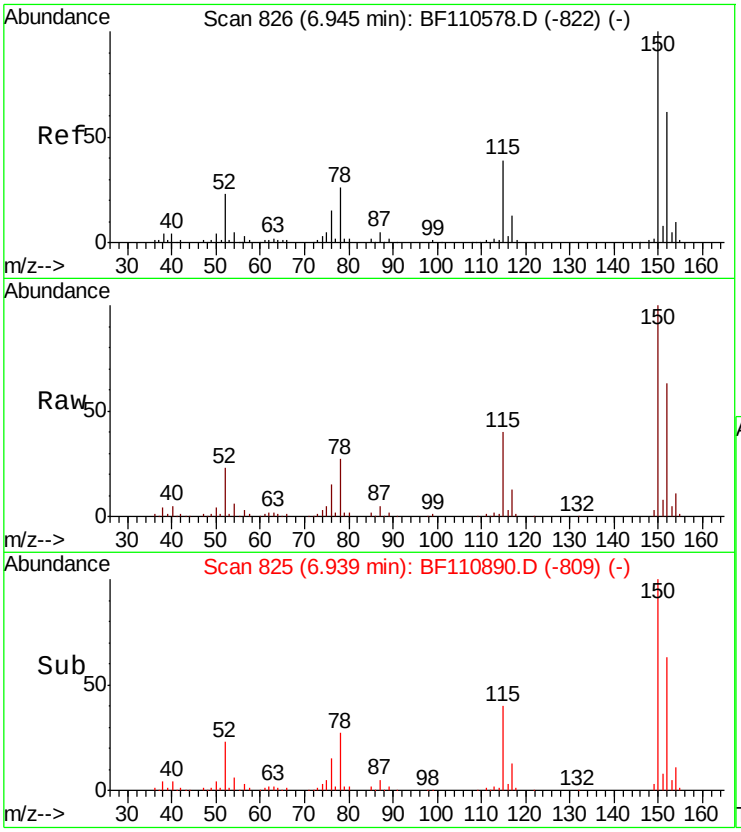
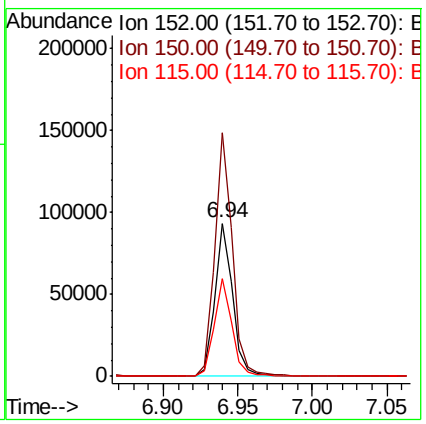




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:152 Resp: 77879

Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	63.7	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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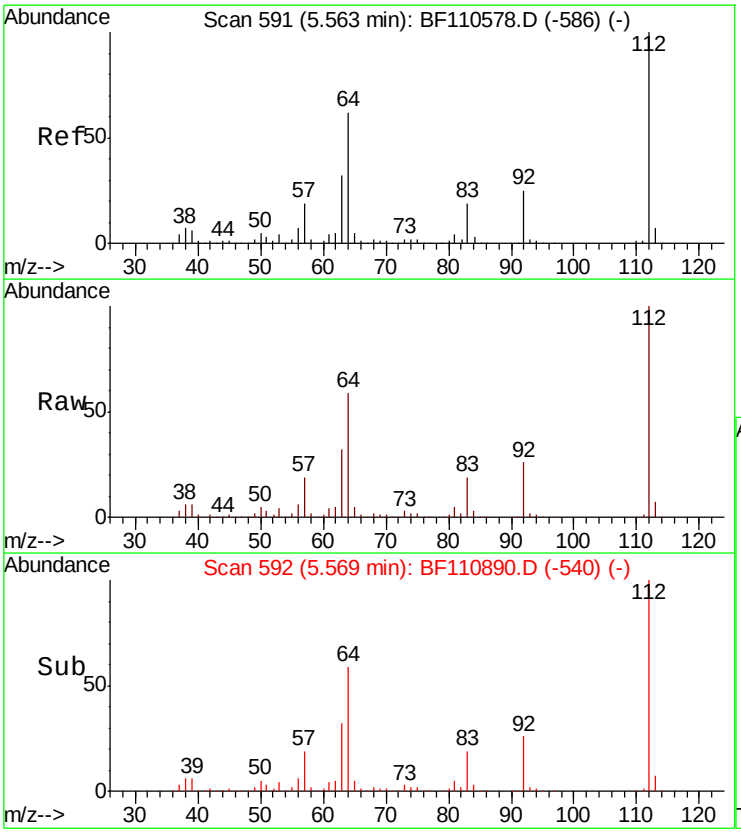
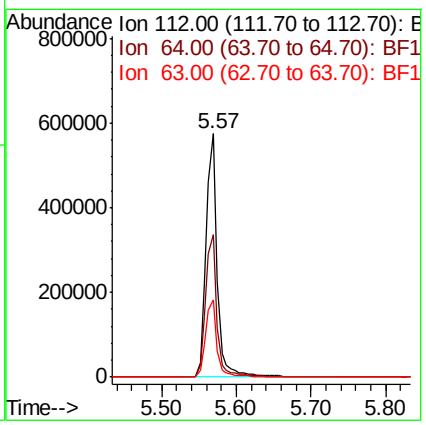
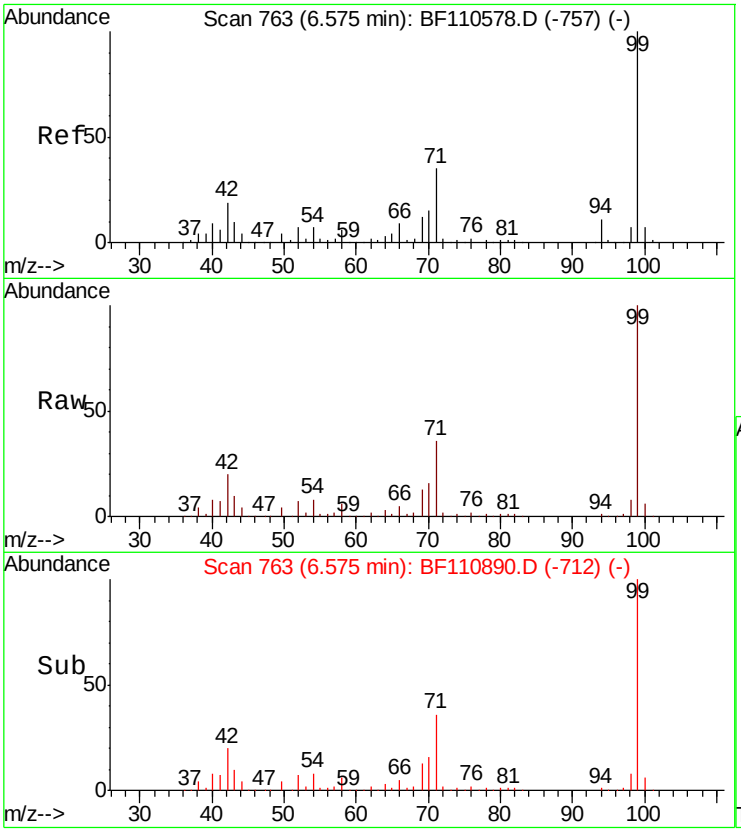


#5
2-Fluorophenol
Concen: 125.744 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:112 Resp: 602888

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	31.6	23.7	35.5

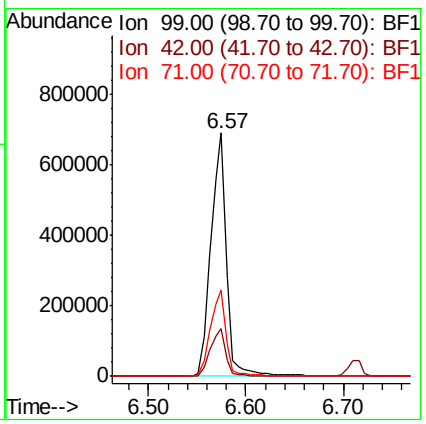




#7
Phenol-d6
Concen: 123.989 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion: 99 Resp: 760192

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.6	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

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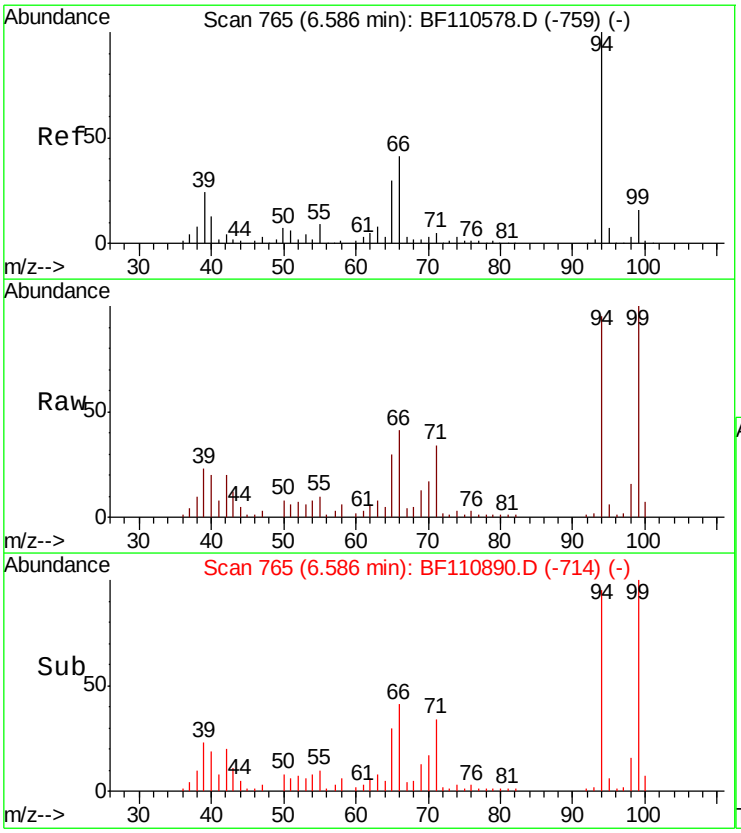
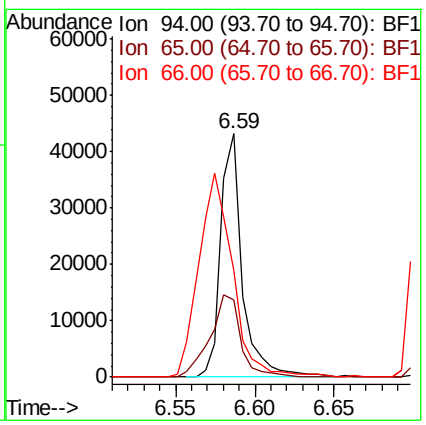
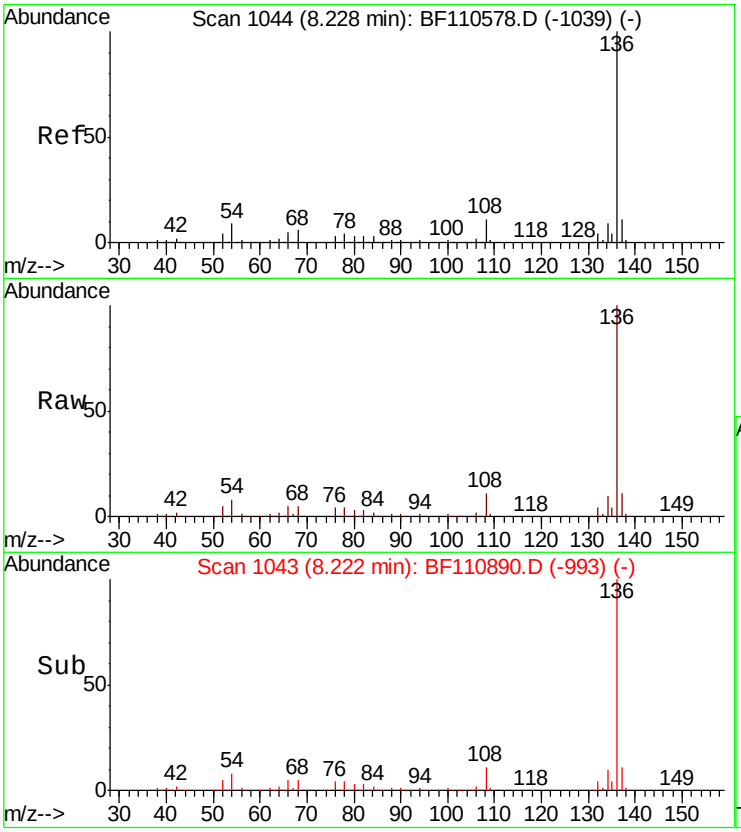


#10
Phenol
Concen: 5.739 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion: 94 Resp: 40800

Ion	Ratio	Lower	Upper
94	100		
65	31.6	25.3	65.3
66	43.7	54.5	94.5#

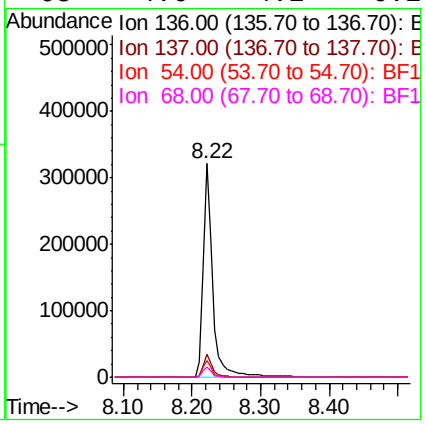




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:136 Resp: 322696

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	5.4	8.2
68	4.6	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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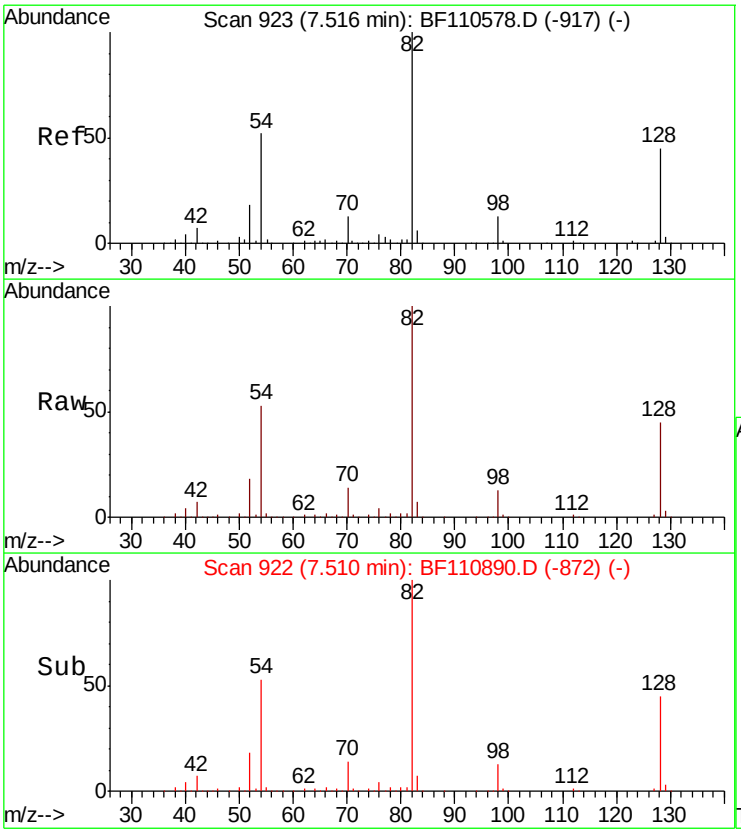
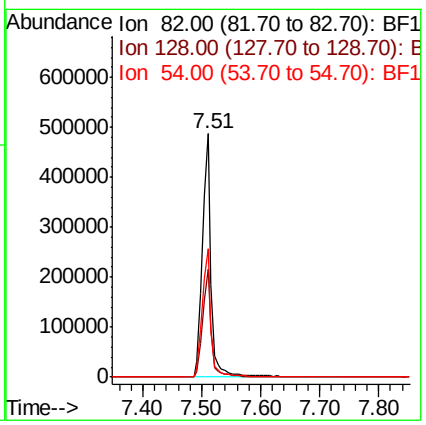
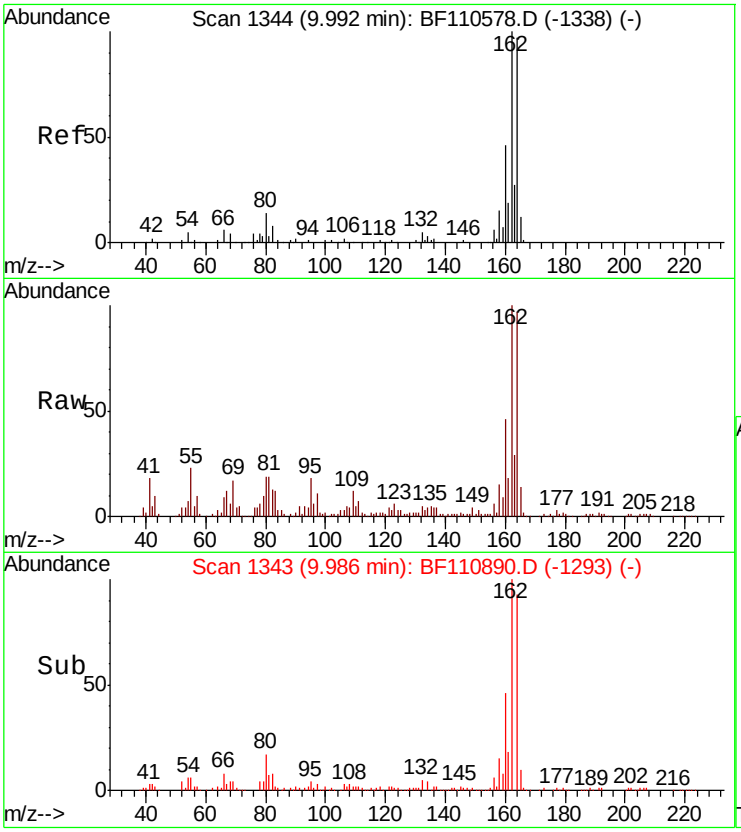


#23
Nitrobenzene-d5
Concen: 88.682 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion: 82 Resp: 496918

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.5	38.6	58.0

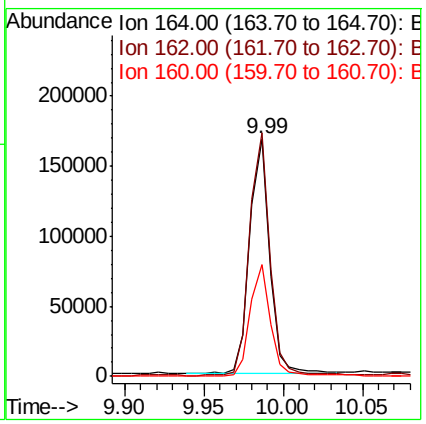




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:164 Resp: 147216

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	47.0	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

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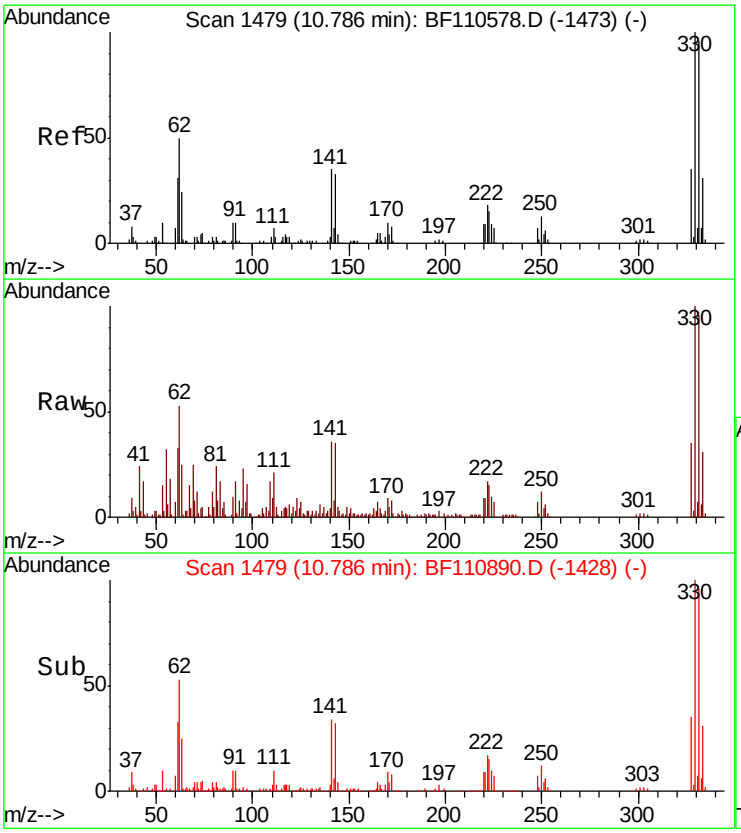
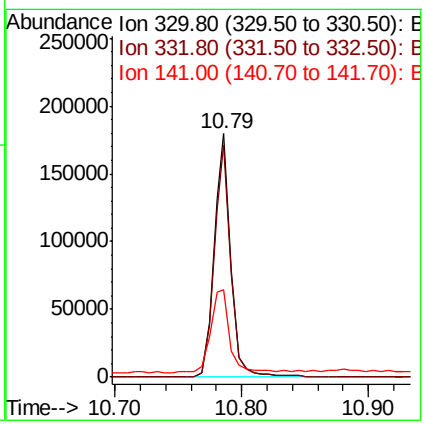
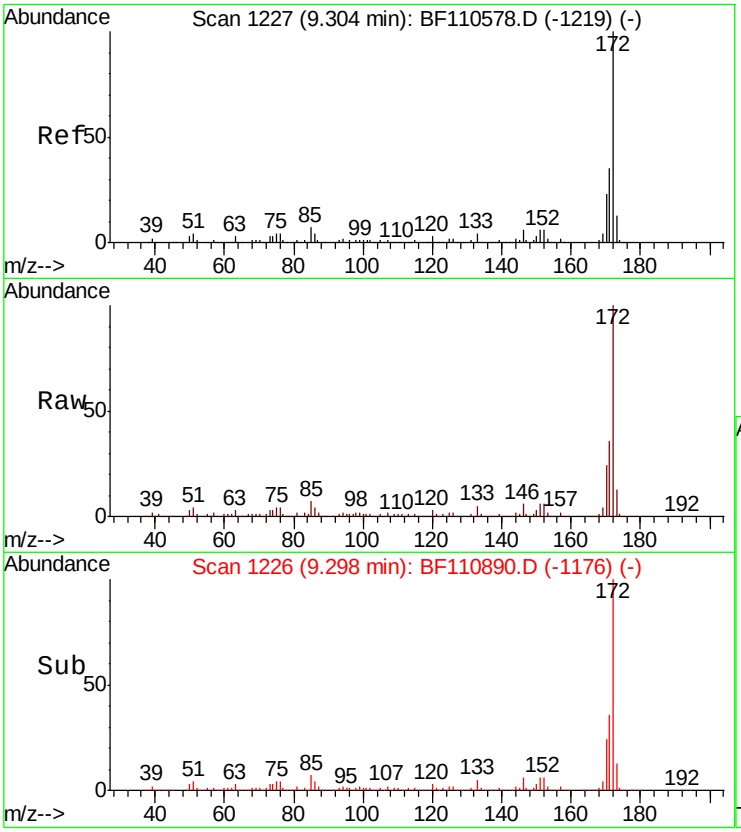


#42
2,4,6-Tribromophenol
Concen: 111.457 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:330 Resp: 165334

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	40.2	27.0	40.4

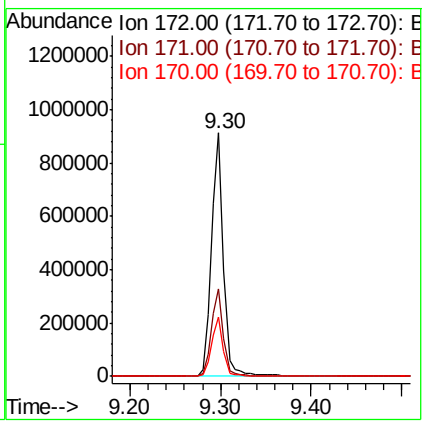




#45
2-Fluorobiphenyl
Concen: 82.202 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:172 Resp: 847336

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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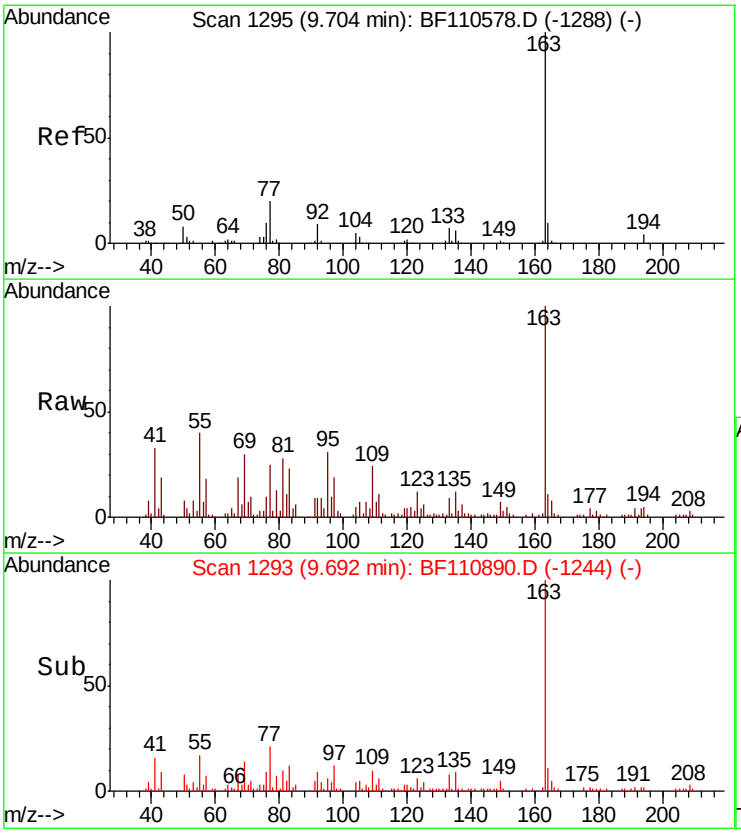
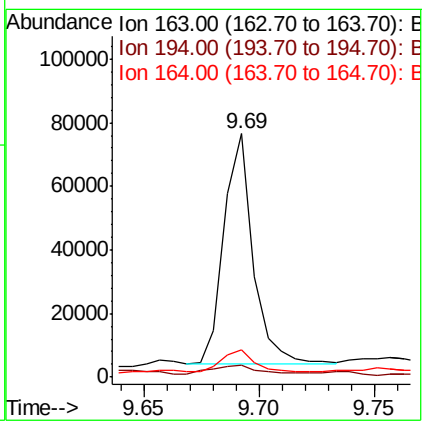
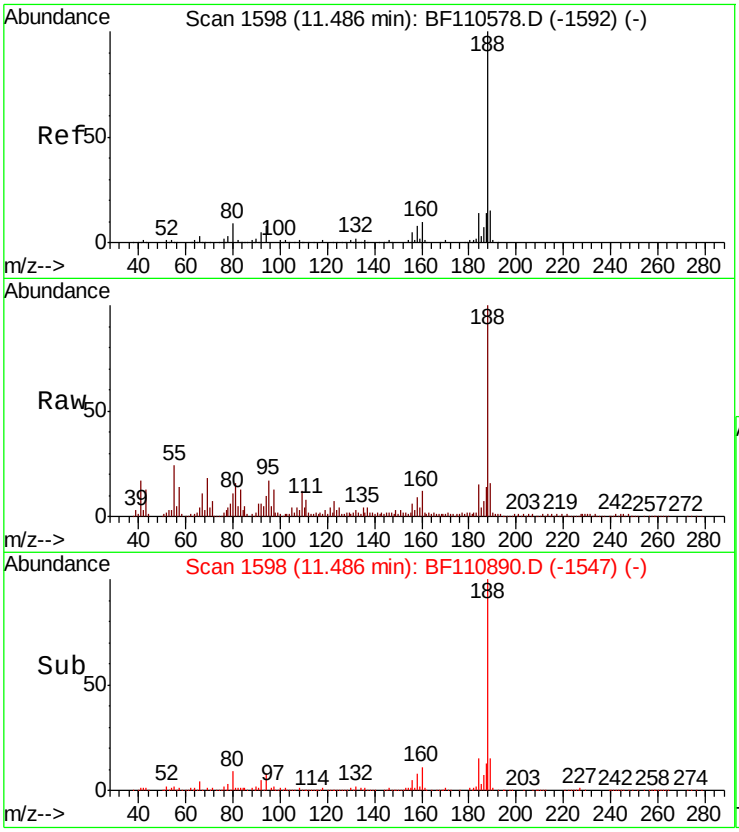


#50
Dimethylphthalate
Concen: 5.841 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:163 Resp: 64162

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.2	4.8#
164	11.3	8.1	12.1

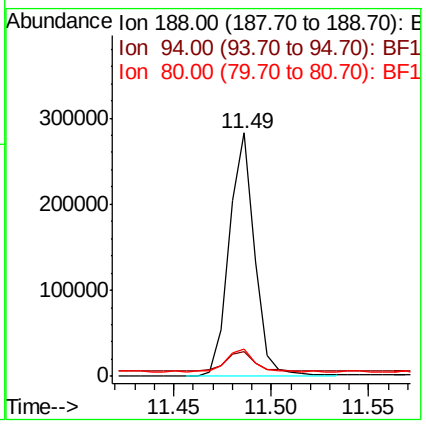




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:188 Resp: 253313

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	11.2	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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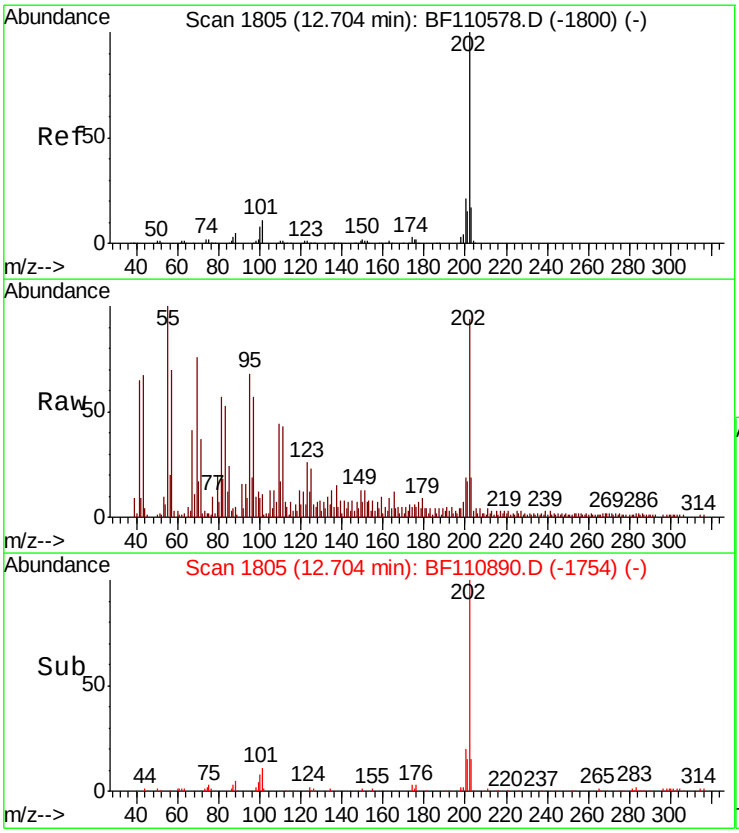
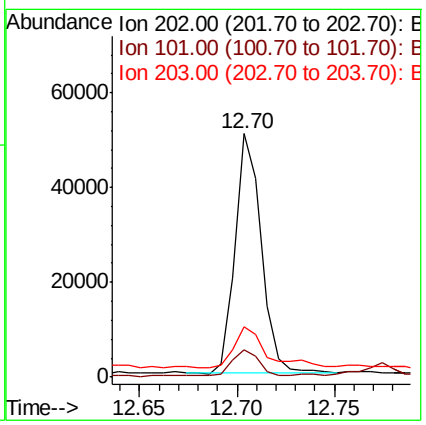
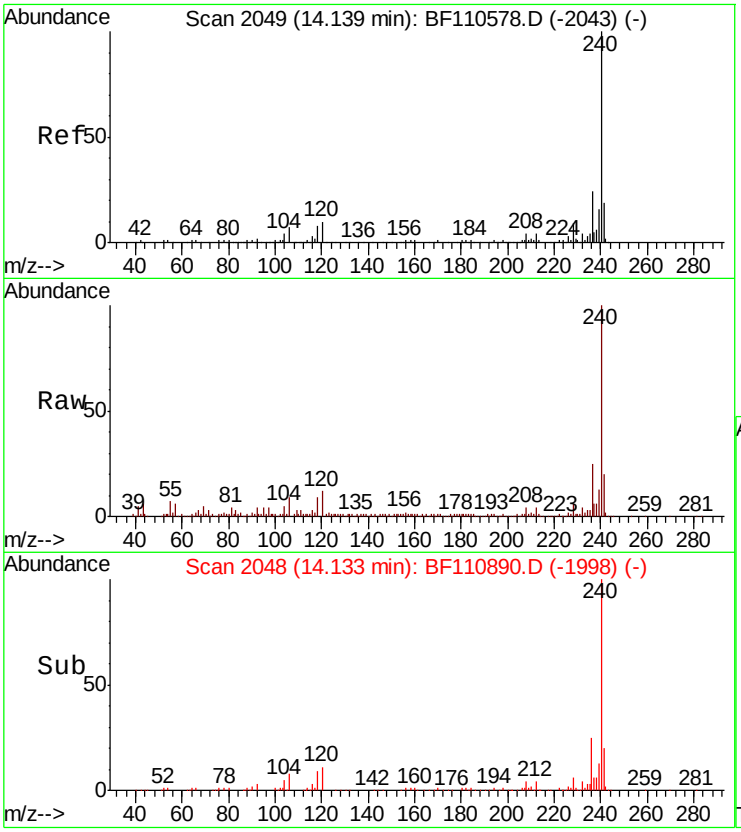


#75
Fluoranthene
Concen: 3.453 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:202 Resp: 46982

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	20.5	0.0	37.7

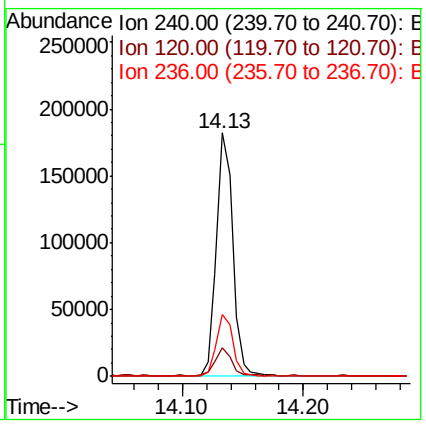




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:240 Resp: 171910

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.5	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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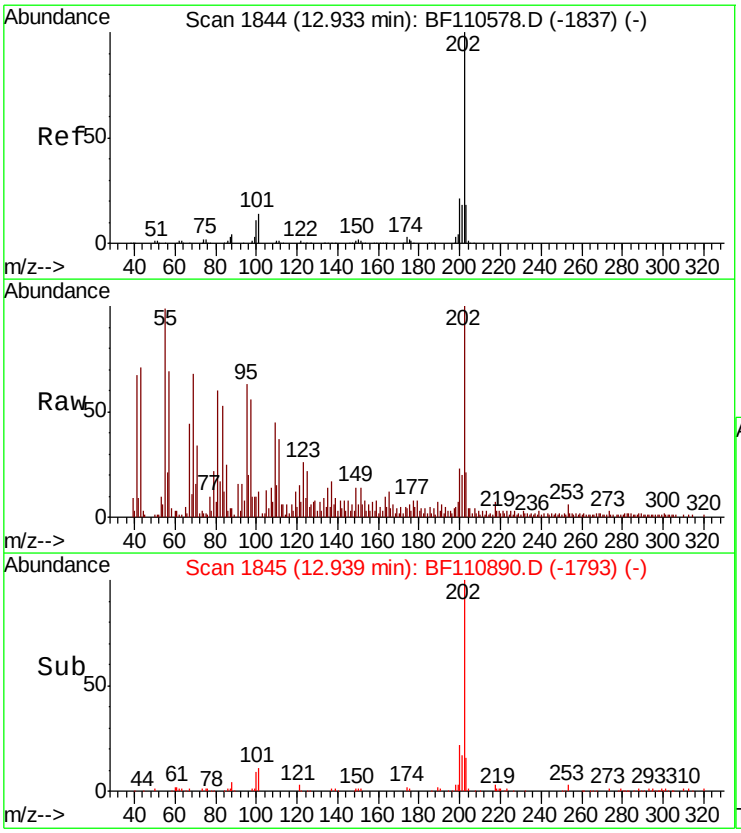
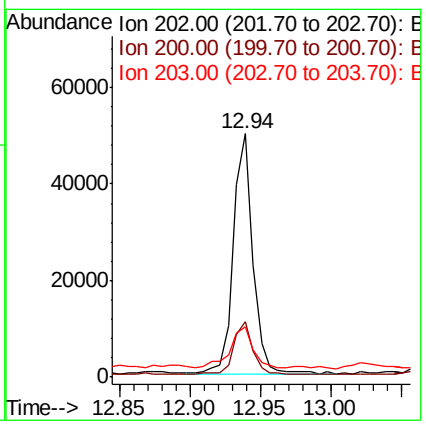
11/21/2018 3:17:48 PM

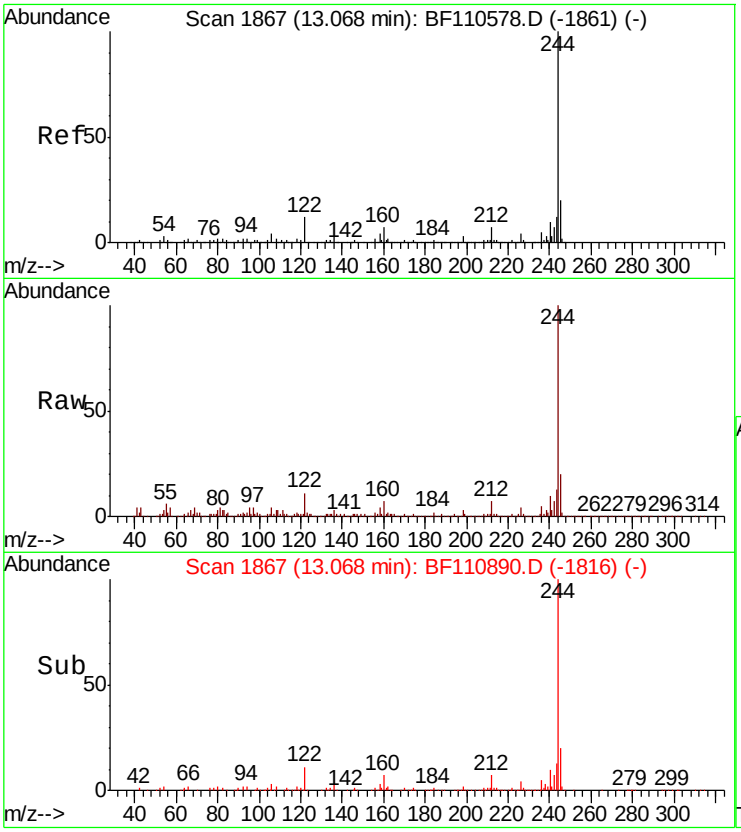


#78
Pyrene
Concen: 3.593 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:202 Resp: 47559

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	20.8	14.2	21.4

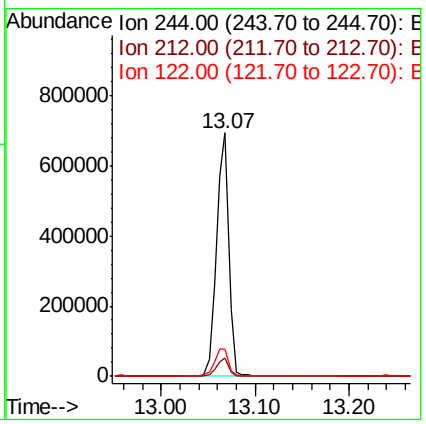




#79
Terphenyl-d14
Concen: 69.498 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:244 Resp: 637953

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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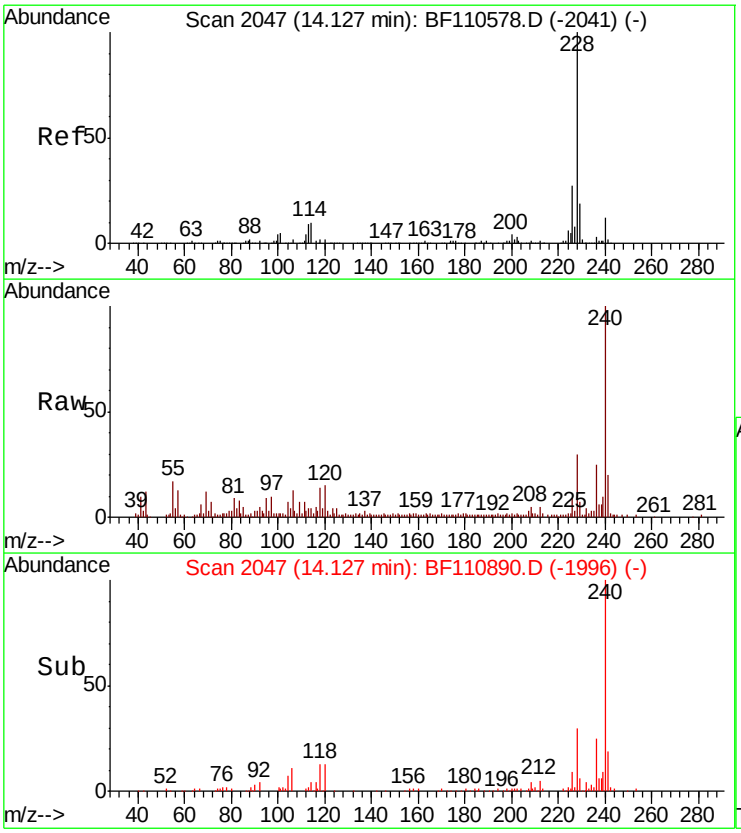
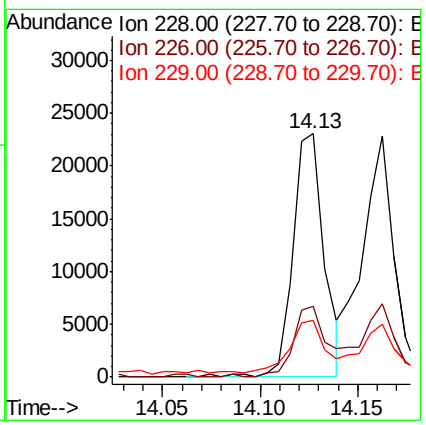
11/21/2018 3:17:48 PM

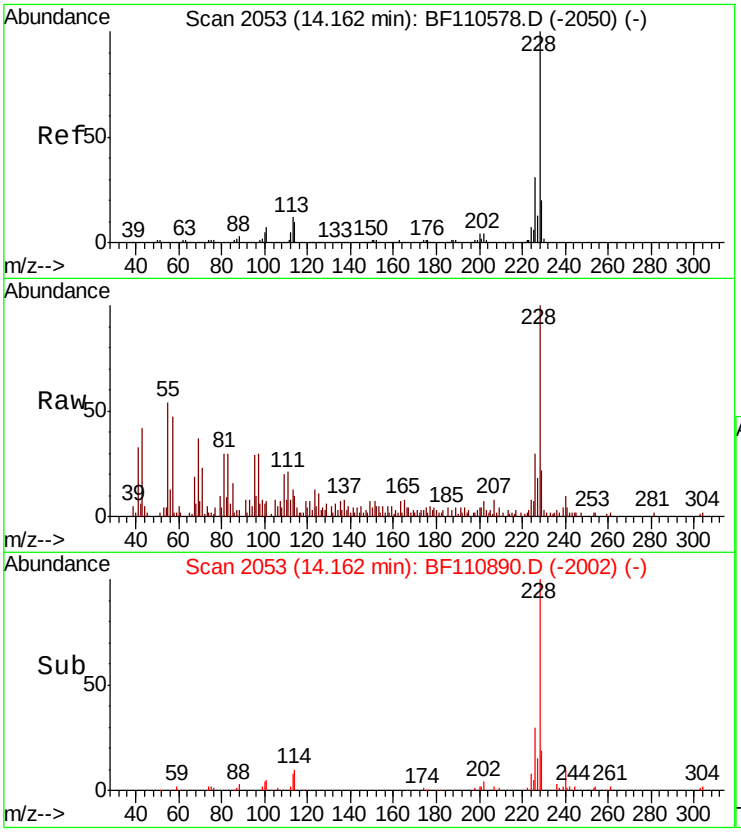


#81
Benzo(a)anthracene
Concen: 2.487 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:228 Resp: 25553

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	23.2	15.6	23.4

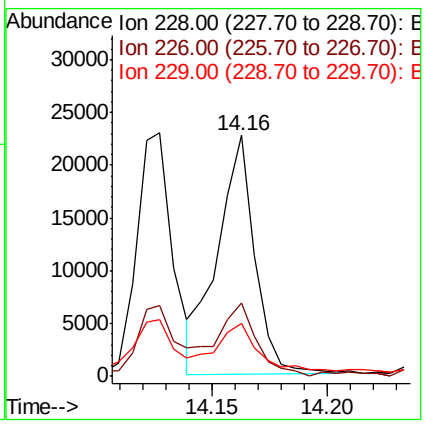




#83
Chrysene
Concen: 2.621 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:228 Resp: 25655

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	22.1	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

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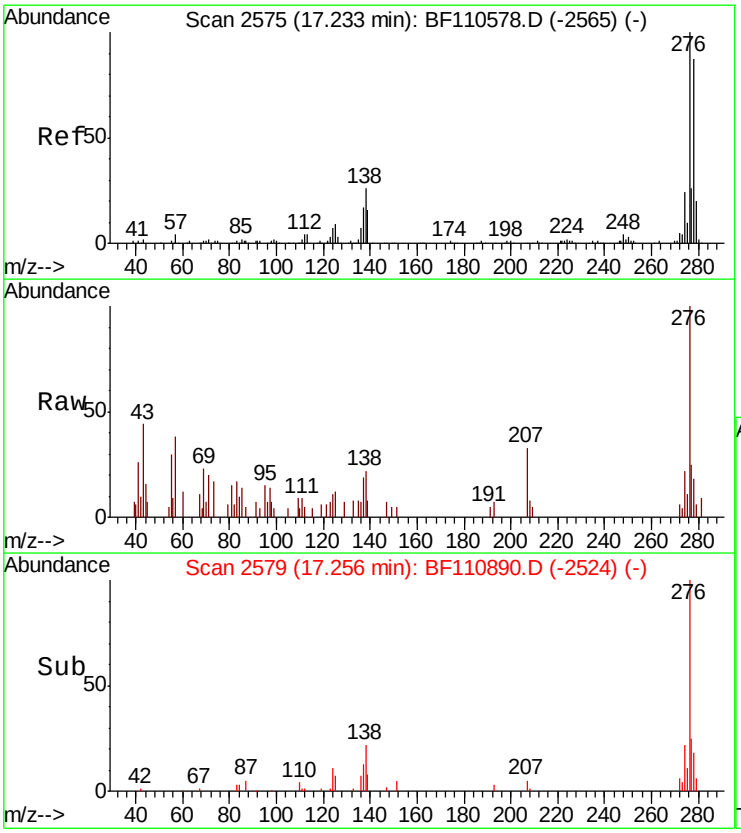
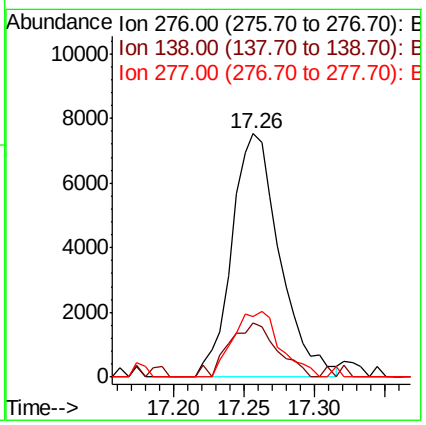
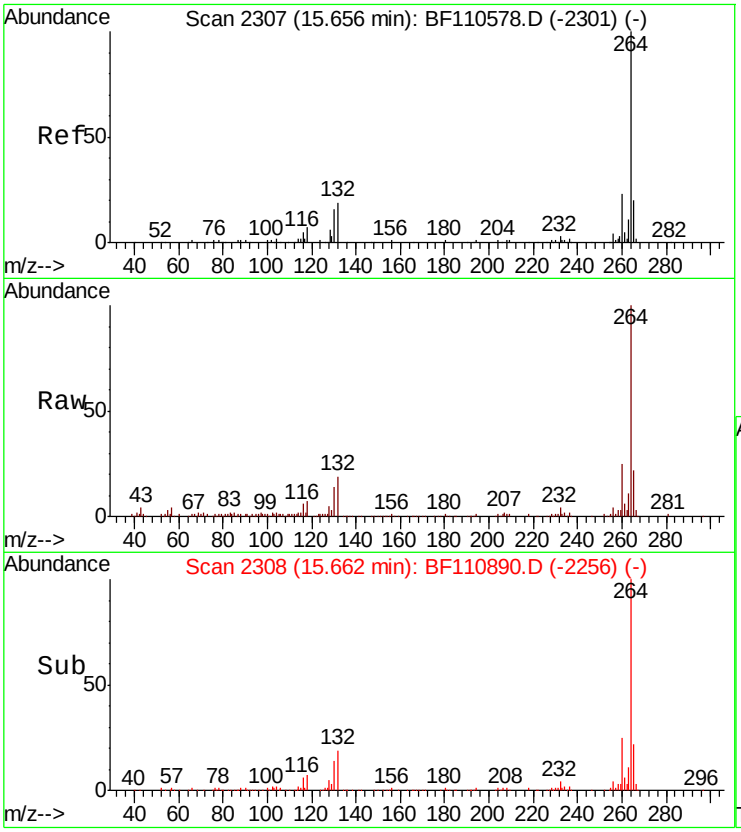


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.541 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:276 Resp: 17848

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.5	27.7
277	26.5	20.0	30.0

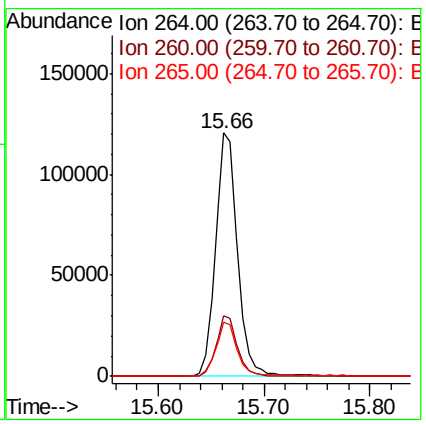




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:264 Resp: 176059

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.3	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
Sohil
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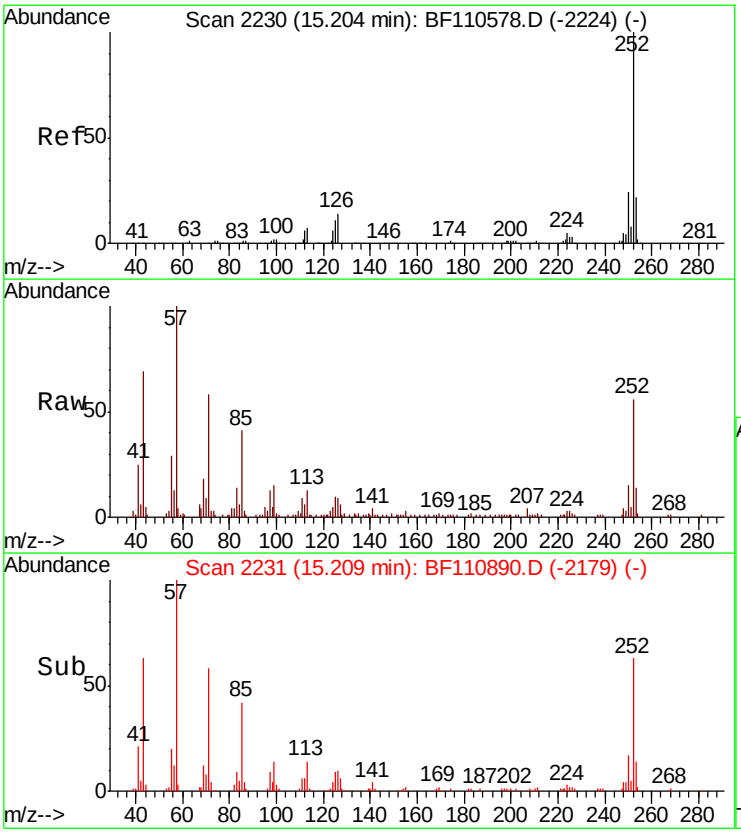
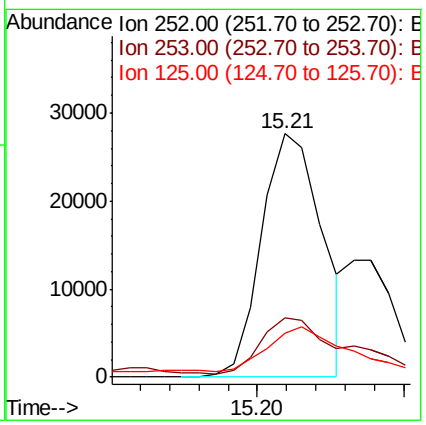
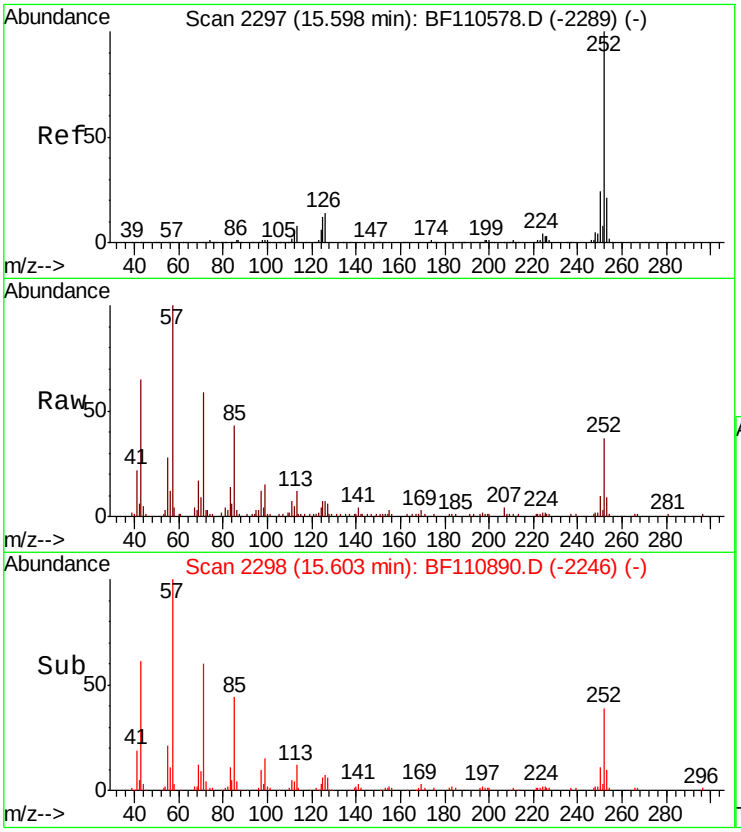


#88
Benzo(b)fluoranthene
Concen: 3.791 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:252 Resp: 39931

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	17.8	8.2	12.4#

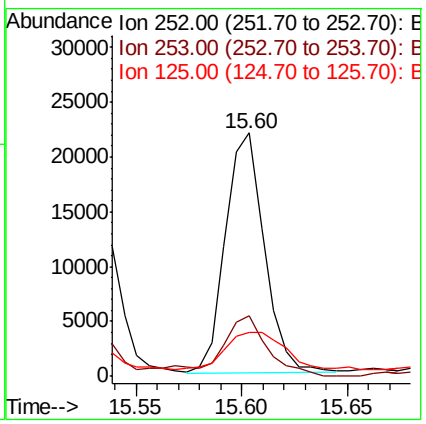




#90
Benzo(a)pyrene
Concen: 2.900 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:252 Resp: 27751

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.4
125	18.3	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
FS-RT3786

Manual Integrations APPROVED
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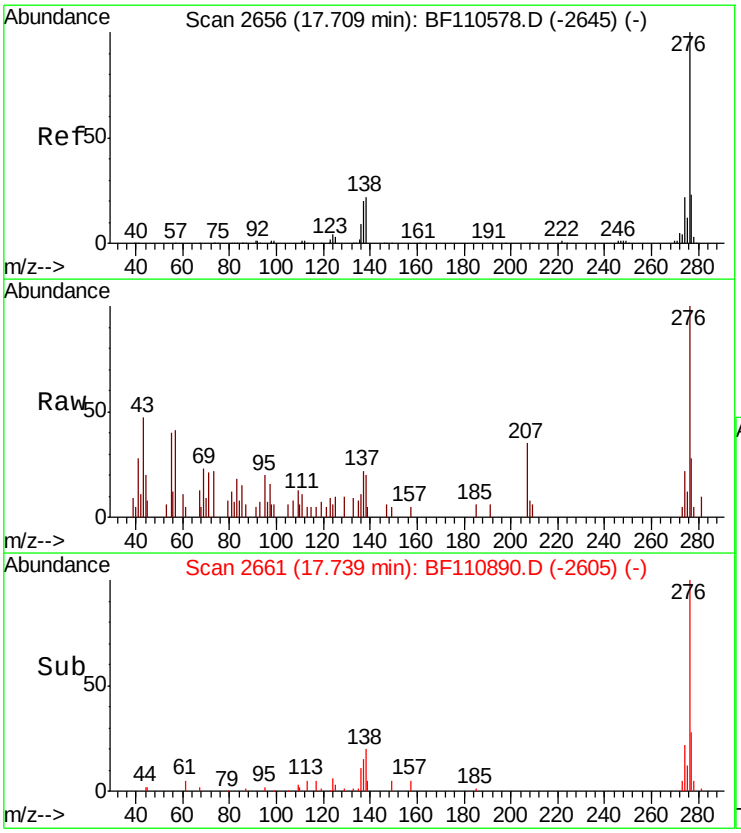

#92
Benzo(g,h,i)perylene
Concen: 2.034 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110890.D
Acq: 20 Nov 2018 13:23

Tgt Ion:276 Resp: 16344

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.8	28.2
138	20.5	16.0	24.0